

FIG. 1



2/9

PERCENT CONVERSION OF PALLADIUM - 5
HOUR PROFILE

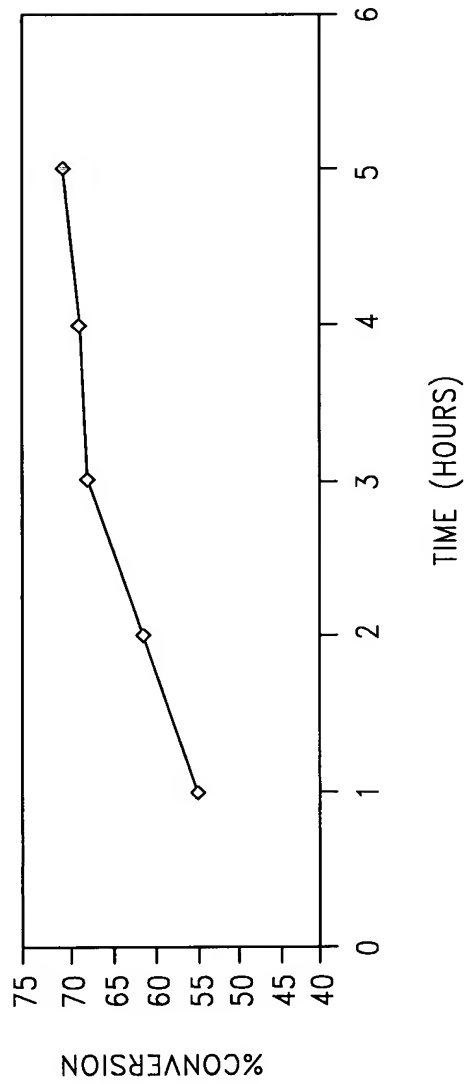


FIG. 2

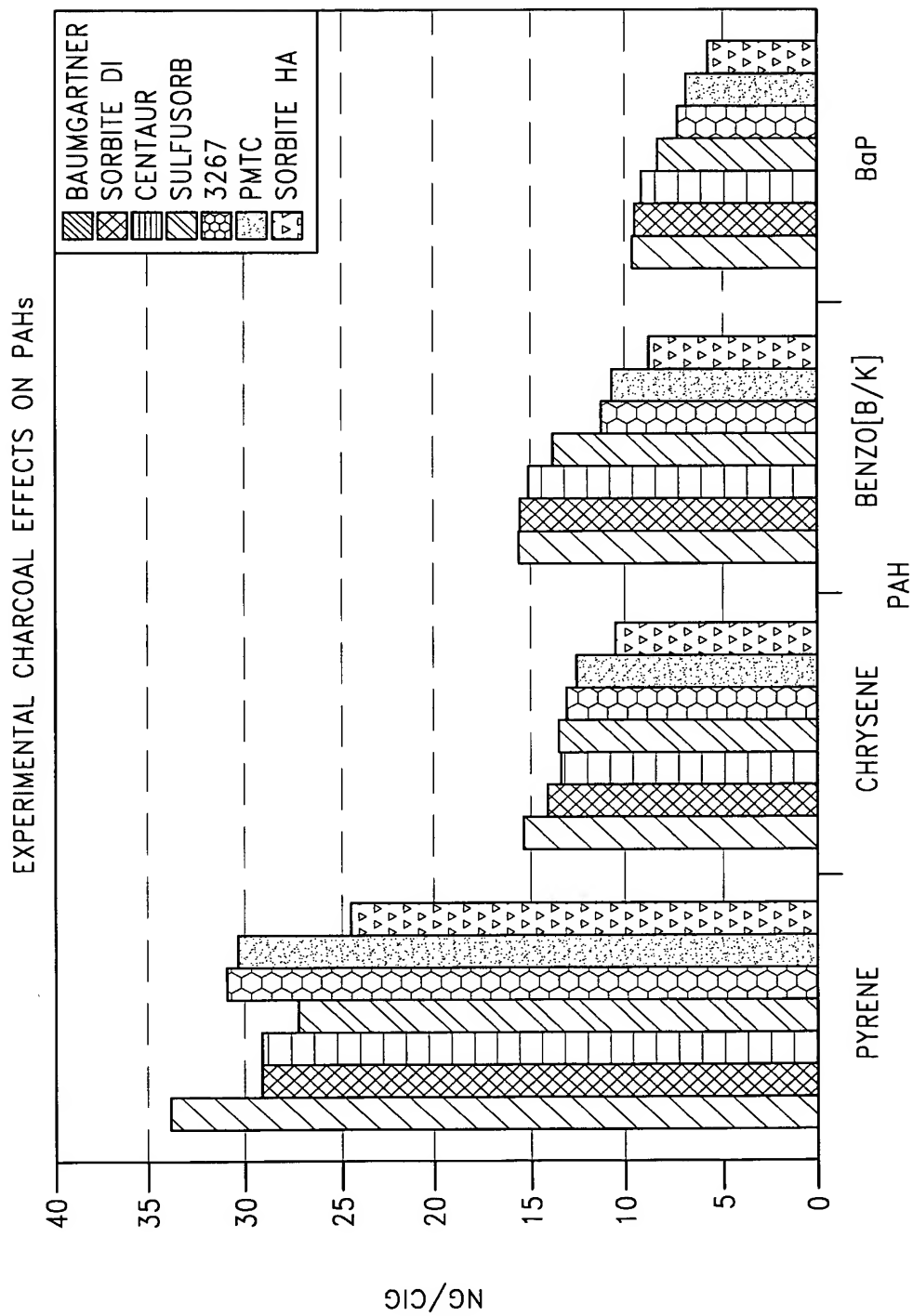
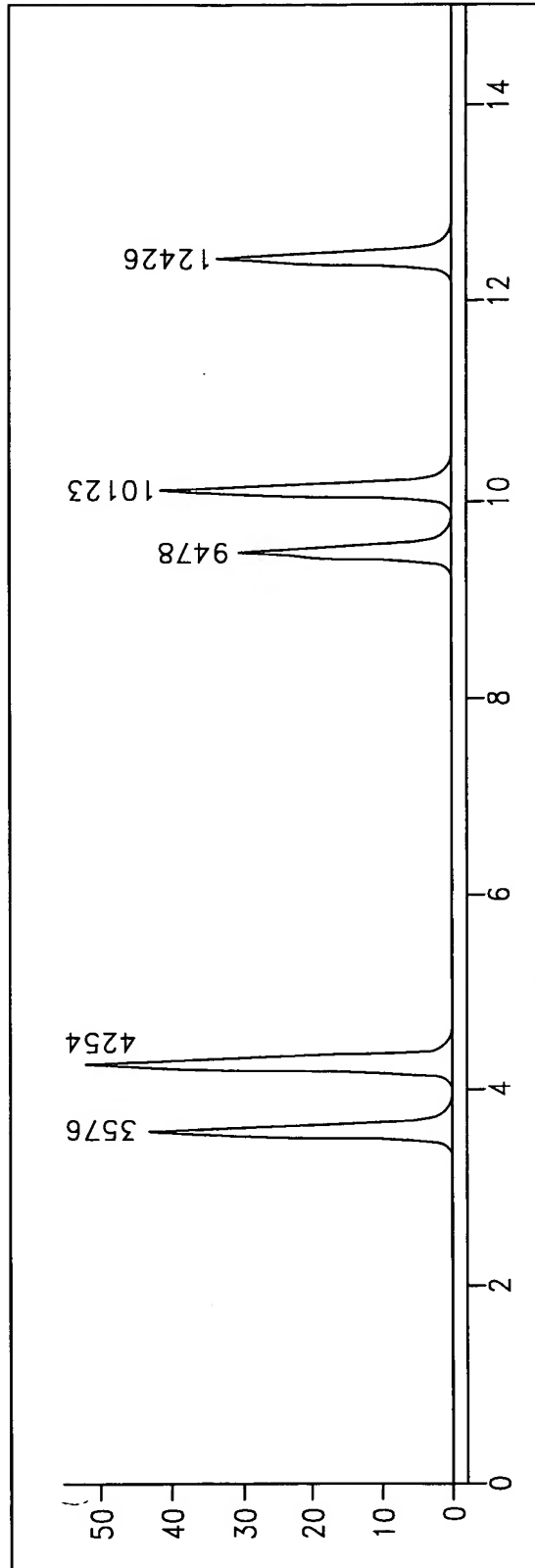


FIG.3



4/9

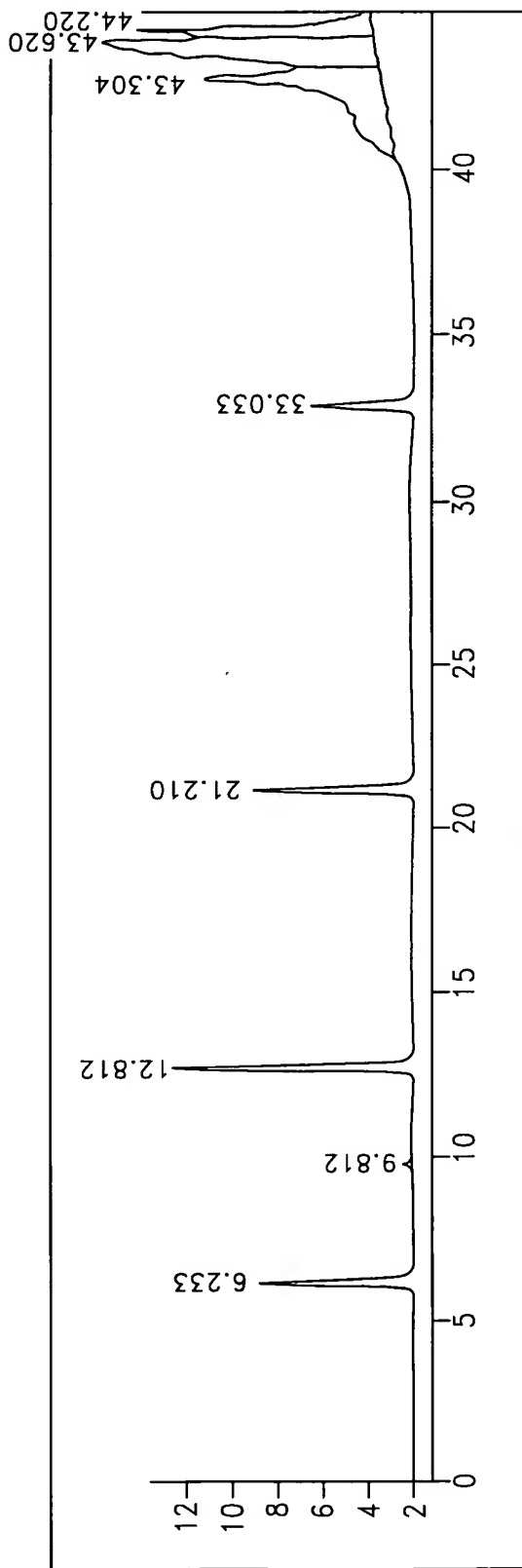


HPLC SPECTRUM OF STANDARDS, FROM LEFT TO RIGHT: 1,6-DIAMINOPYRENE, 1,8-DIAMINOPYRENE, 4-AMINOPYRENE, 1-AMINOPYRENE AND 6-AMINOCRYSENE

FIG. 4



6/5



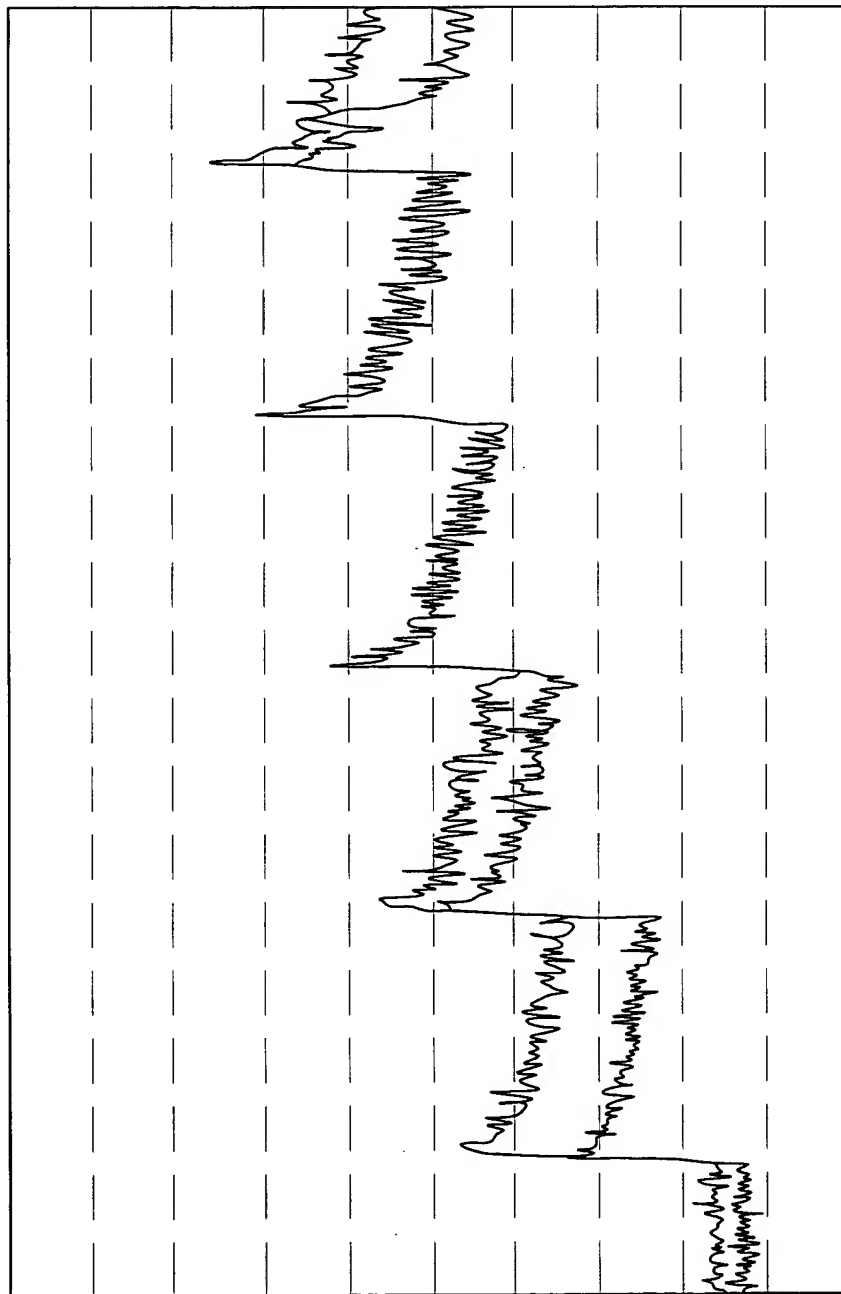
PEAKS FROM LEFT TO RIGHT; HYDROQUINONE, RESORCINOL, CATECHOL, PHENOL, O-CRESOL

FIG. 5



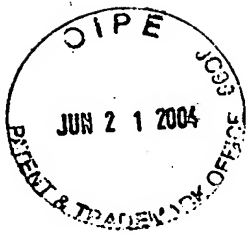
6/9

FOLLOWING THE VOLATILE LEVEL INCREASE ON A PER PUFF BASIS



PUFFS

FIG. 6



7/9

CAVIFLEX GAS PHASE REMOVAL EFFICIENCY VERSUS WEIGHT OF ACTIVE CARBON
(ACTIVE CARBON 208C WITH SEMOLINA)

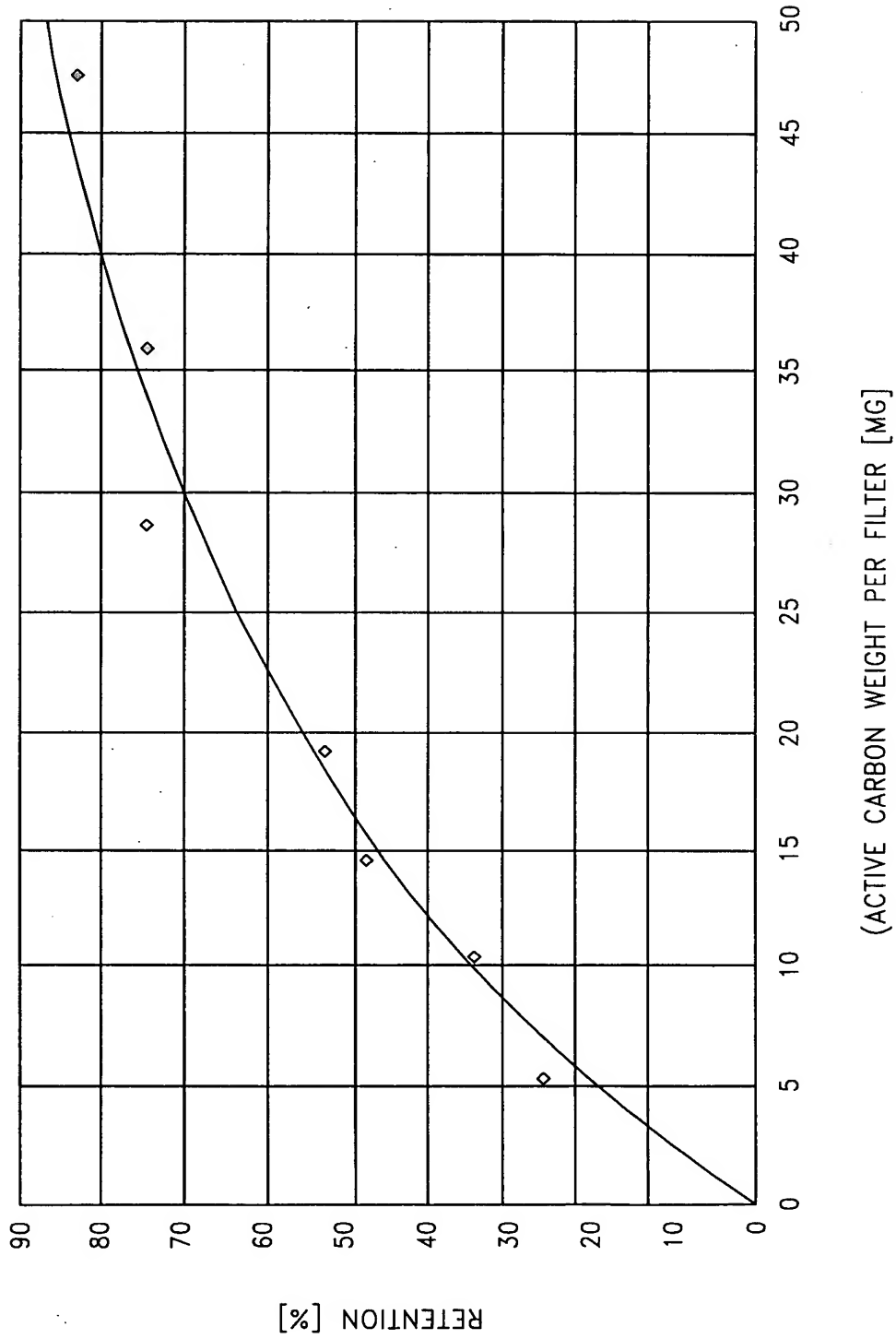


FIG. 7



8/9

GAS PHASE RETENTIONS DUALCOAL FILTERS (AB-AF)

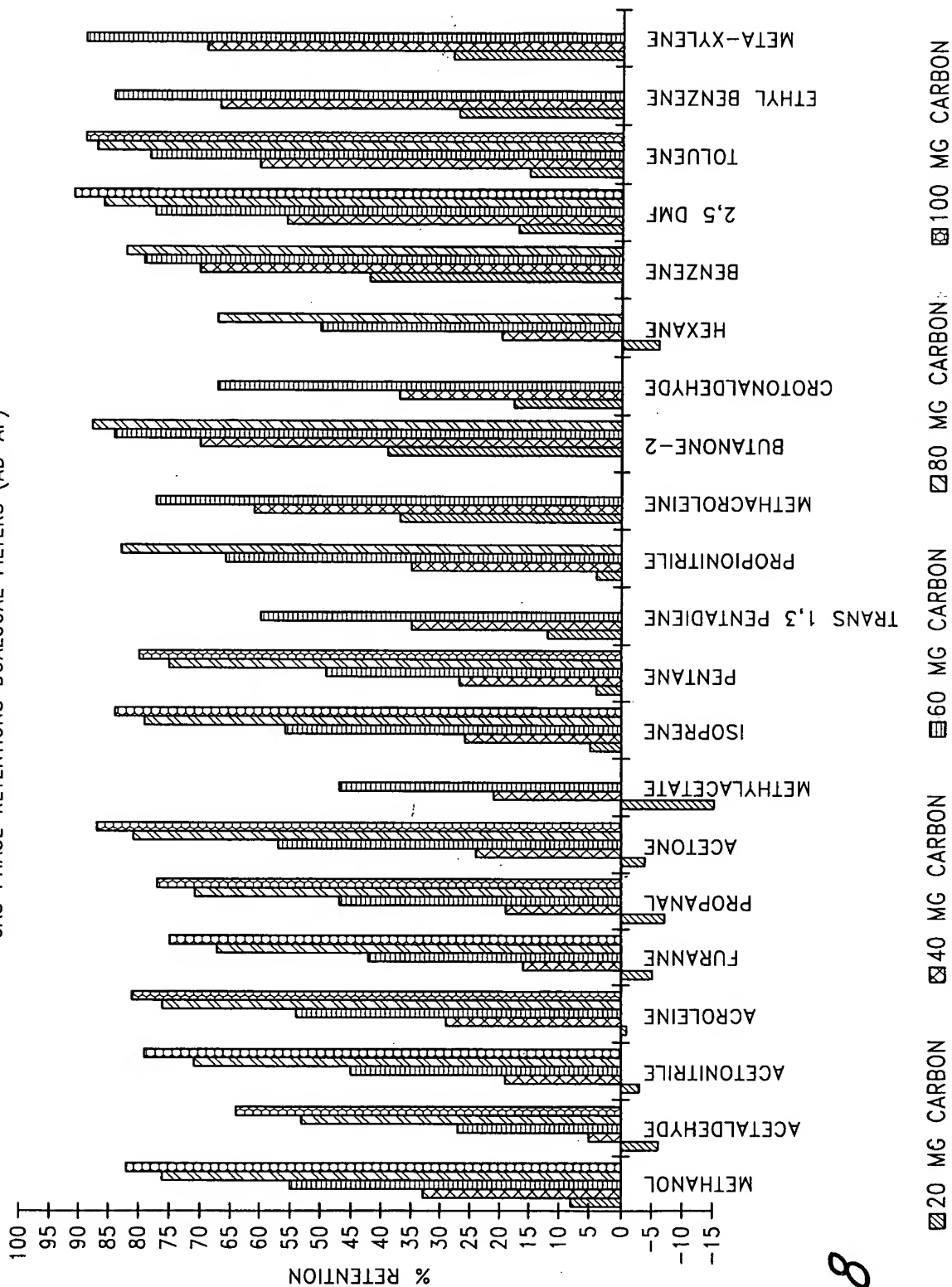
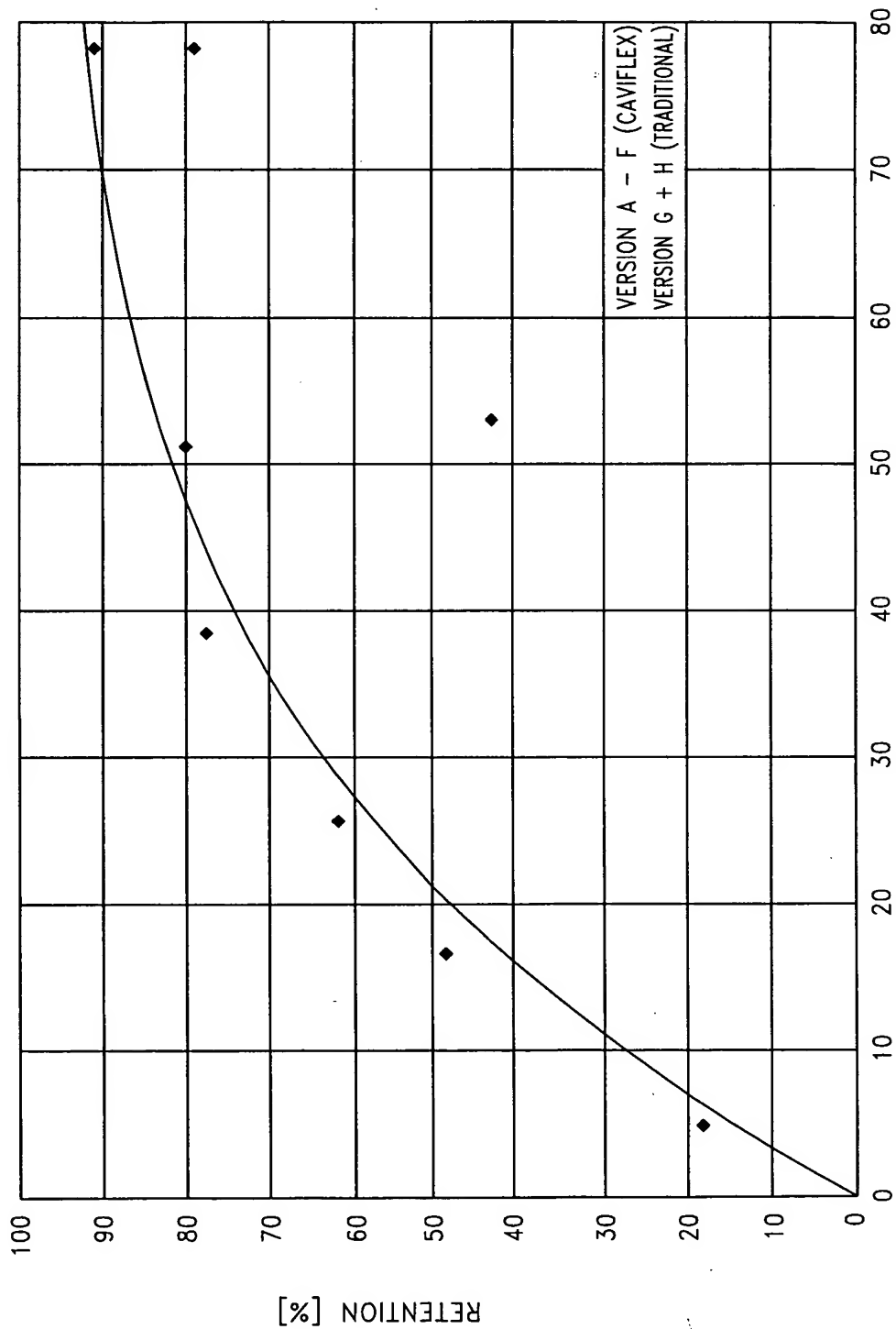


FIG. 8



CAVIFLEX GAS PHASE REMOVAL EFFICIENCY VERSUS WEIGHT OF ACTIVE CARBON
(ACTIVE CARBON BR255 WITH INERT CARBON)



(ACTIVE CARBON WEIGHT PER FILTER [MG])

FIG. 9